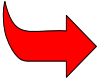




National Data Warehouse

An Overview

- Purpose
- System Design
- NDW1 Project Scope
- User Benefits
- Data Integrity
-  ■ **Transition Plan**
- Status of Loads
- Accessing Data in the NDW
- The Future



NPIRS/NDW Transition Plan

- Continue to export to both the legacy and NDW NPIRS systems in parallel.
- Used the legacy NPIRS system for FY 2005 WL/UP Reports
- Will use the NPIRS/NDW system for FY 2006 WL/UP Reports



NPIRS/NDW Transition Plan (cont.)

- Beginning in mid April we plan to sequentially and progressively post selected key FY 2006 workload reports from the NDW on the NPIRS web page so that you can begin to assess the completeness of your data.



NPIRS/NDW Transition Plan (cont.)

- We will transition the current production reports from the legacy NPIRS system to the new NDW system in order of their priority
- We have started with the Workload/User Pop and the ORYX reports as our highest priority



NPIRS/NDW Transition Plan (cont.)

- Legacy NPIRS will be producing all of the intervening official reports (e.g., ORYX and GPRA) until December 2006.
- Beginning in December 2006, NDW will produce the official WL/UP reports.
- Following this all official reports will come from the NDW (excepting those that require legacy data)



NPIRS/NDW Transition Plan (cont.)

- *In order for your sites to receive proper funding, it is critical that you send your exports **both** to NPIRS and the NDW until the NDW system is completely loaded with all of your sites' data and is producing official reports.*



NPIRS/NDW Transition Plan (cont.)

- *Please urge your non-RPMS sites to export their data in one of the two standard formats published on our website:*
<http://www.ndw.ihs.gov/how-do-we-export-our-data.asp>
so that we can load their data into NDW.
- *If they don't export in one of those standards, we will do our best to produce WL/UP reports for them but will likely not be able to load their data into the NDW for their and our other uses.*




NPIRS/NDW Transition Plan (cont.)

- We will not discontinue exports to legacy NPIRS until the NPIRS/NDW system is fully tested and able to produce the critical production reports



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Accessing Data in the NDW

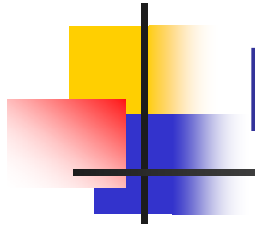
- Direct access to the General Data Mart via a web interface^{1,2}
- Simple³ “data dump”¹
- Simple³ NPIRS report¹
- Request for a more extensive set of NPIRS reports or analyses³
- Development of a program/organizational data mart⁴

¹ Provided by current contract

² But requires a very highly skilled user

³ Defined as requiring less than “x” days of contractor effort

⁴ Will require program funding of a contract or task order



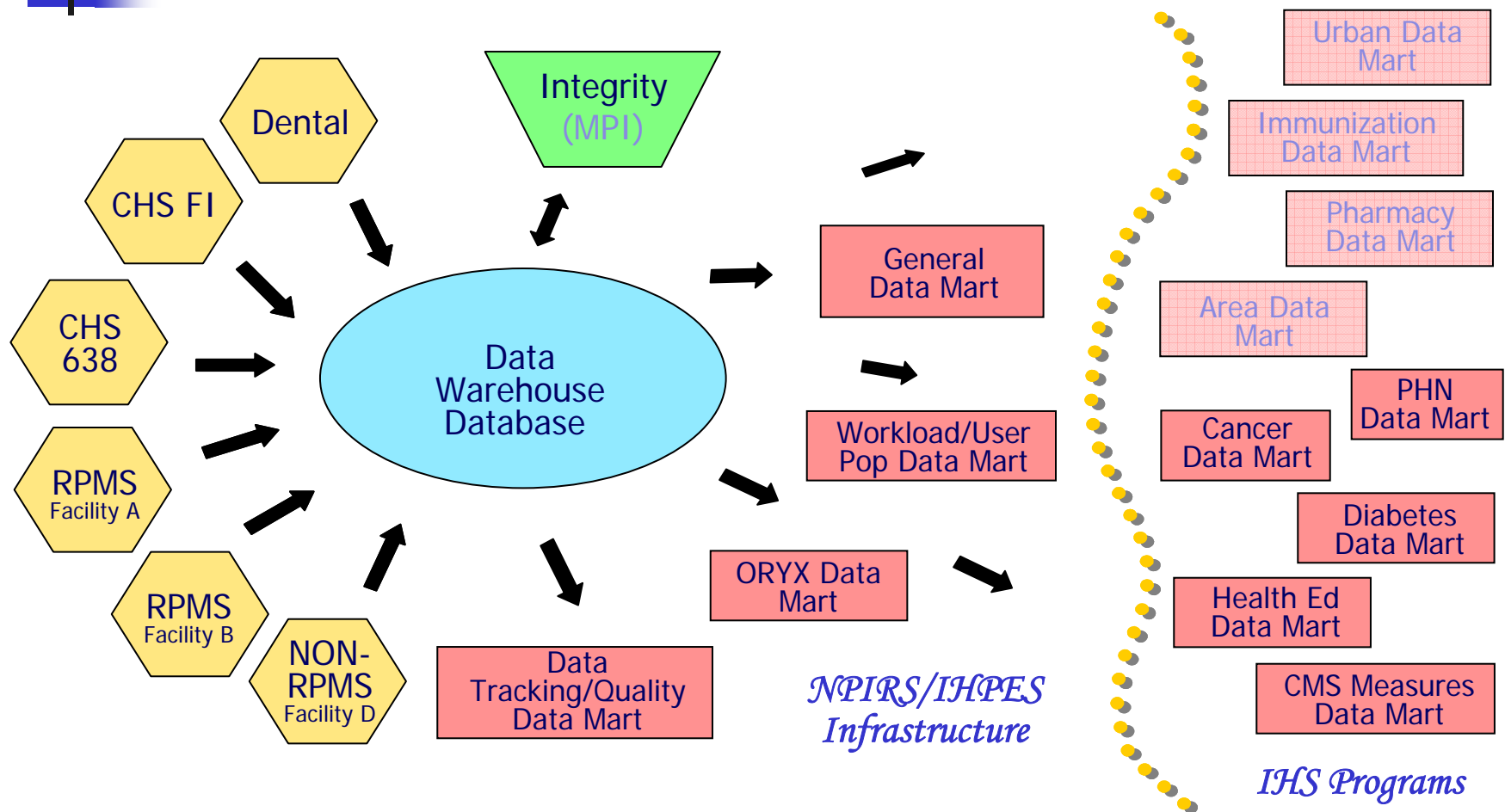
New, Additional Data Marts

Organizational assumption:

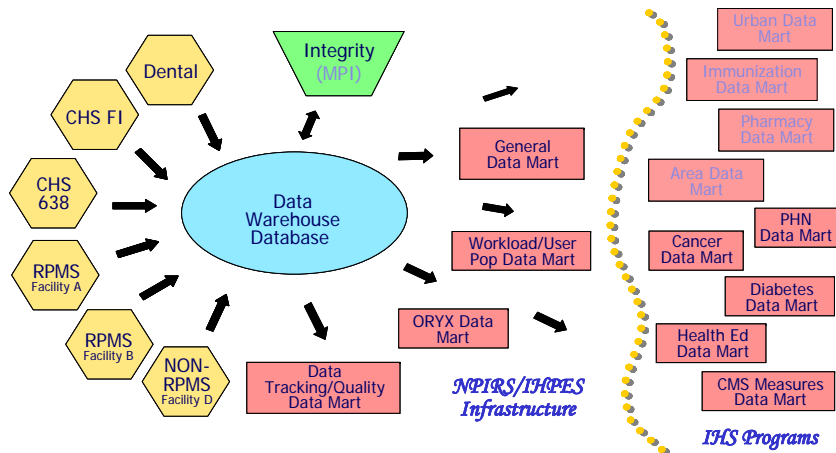
The operational programs, Areas, Tribes, etc. control the resources required to build, implement, and then maintain, support, and update new, additional data marts.

He/she who has the 'gold,' rules.

NDW Organizational Architecture

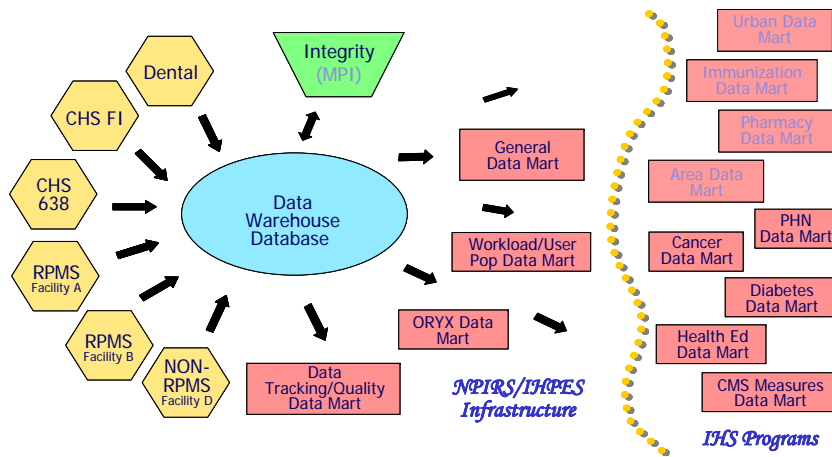


NDW Organizational Architecture



- Underlying DW database, technical infrastructure, general user data marts
 - Primary responsibility – OIT/IHPES
 - ETL, staging and target tables, administrative and lookup tables
 - “Super users” have access to general data mart that contains a wide spectrum of current data
 - ORYX, CMS Measures, and User Pop/WL data marts
 - Provides data to populate the the more targeted data marts
 - Users of this component are the “super-users” of the general data marts and the more targeted data marts

NDW Organizational Architecture

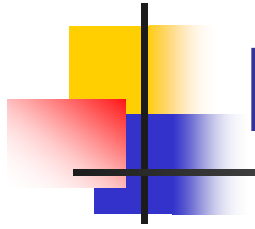


- “Component-ized” targeted data marts
 - Primary responsibility – programs, disciplines, organizational units
 - OIT “hosts” the infrastructure, provides the security protocols, etc.
 - Very specific, limited subsets of data
 - Emphasis on search efficiency
 - Main focus are pre-structured reports
 - Users of this component are the programs, disciplines, organizational units



New, Additional Data Marts

- Data mart owner's choices:
 - Provide additional, required resources to OIT
 - Provide additional, required resources to IHPES
 - Seek guidance of OIT or IHPES as they pursue their own contract
 - Independently pursue their own contract
 - Use internal program staff and resources to build it themselves
- *Our aim is to provide our users choices*



New, Additional Data Marts

New, additional data marts will require new, additional resources.

Without the 'gold,' there won't be anything for anyone to rule.